#### INTERNATIONAL SEARCH REPORT

International Application No
PCT/BE2004/000112

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61F5/56

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61F A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

### EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
χ	US 5 868 138 A (HALSTROM LEONARD WAYNE) 9 February 1999 (1999-02-09)	1,3,9		
Υ	column 5, line 25 - column 6, line 53; figures 3,4,7-11	6-8, 10-12		
Υ	US 5 409 017 A (LOWE ALAN A) 25 April 1995 (1995-04-25)	6-8, 10-12		
Α	abstract; figures 1-6	1-3,9		
Α	US 3 854 208 A (ARANT G) 17 December 1974 (1974-12-17) abstract; figures 1-13	1-12		
Α	US 5 281 133 A (FARZIN-NIA FARROKH) 25 January 1994 (1994-01-25) abstract; figures 1,2	3-12		
	-/			

Further documents are listed in the continuation of box C.						
Special categories of cited documents:  A* document defining the general state of the art which is not considered to be of particular relevance  E* earlier document but published on or after the international filling date  L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O* document referring to an oral disclosure, use, exhibition or other means  P* document published prior to the International filling date but later than the priority date claimed  Date of the actual completion of the international search	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>					
22 April 2005	Date of mailing of the International search report  02/05/2005					
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Germano, A					

## INTERNATIONAL SEARCH REPORT

International Application No
PCT/BE2004/000112



		PC1/BE2004/000112						
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.					
A	EP 1 247 498 A (LEONE) 9 October 2002 (2002-10-09)		1–12					
Ρ,Χ	US 6 729 335 B1 (HALSTROM LEONARD WAYNE) 4 May 2004 (2004-05-04) abstract; figures 3-10		1,2,9					
Ρ,Χ	US 6 769 910 B1 (PANTINO DON A) 3 August 2004 (2004-08-03) abstract; figures 15,16		1					
	٠.							

# INTERNATIONAL SEARCH REPORT

Information on patent family members

# International Application No PCT/BE2004/000112



Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5868138	Α	09-02-1999	US US	6041784 5365945		28-03-2000 22-11-1994
			US Î	6161542		19-12-2000
			US	6729335		04-05-2004
			ΑT	164752	T	15-04-1998
			AU	5620994	Α	08-11-1994
			CA	2094411	A1	14-10-1994
			WO	9423673		27-10-1994
			DΕ	69317912		14-05-1998
			DE	69317912		12-11-1998
			EP	0697844		28-02-1996
			ES	2118365	T3 	16-09-1998
US 5409017	Α	25-04-1995	AU	679316		26-06-1997
			AU	1379795		08-08-1995
			CA	2181360		27-07-1995
			MO	9519746		27-07-1995
			DE	69501111		08-01-1998 20-05-1998
			DE	69501111		06-11-1996
			EP	0740538 2110310		01-02-1998
			ES JP	9507646		05-08-1997
US 3854208	 А	17-12-1974	υs	3907444	A	23-09-1975
US 5281133	Α	25-01-1994	DE	4338986	A1	19-05-1994
EP 1247498	Α	O9-10-2002	IT	FI20010057		02-10-2002
			EP	1247498		09-10-2002
			US	2002142259	A1	03-10-2002
US 6729335	B1	O4-05-2004	US	6041784		28-03-2000
			US	5365945		22-11-1994
			US	6161542		19-12-2000
			US	5868138		09-02-1999
			AT	164752		15-04-1998
			AU	5620994		08-11-1994 14-10-1994
			CA	2094411		27-10-1994 27-10-1994
			MO	9423673		14-05-1998
			DE	69317912 69317912		12-11-1998
			DE Ep	0697844		28-02-1996
			ES	2118365		16-09-1998
US 6769910	B1	O3-08-2004	NONE			